

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------|------------------|---------|------------------|
| S1 | 292 | feature WITH extraction WITH fingerprint | US-PGPUB; USPAT | OR | ON | 2007/11/14 14:48 |
| S2 | 1102 | (382/124).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/14 17:07 |
| S3 | 0 | (feature WITH extraction WITH fingerprint) SAME (plurality WITH minutiae) | US-PGPUB; USPAT | OR | ON | 2007/04/03 17:16 |
| S4 | 1 | (feature WITH extraction WITH fingerprint) SAME (plurality AND minutiae) | US-PGPUB; USPAT | OR | ON | 2007/04/03 17:17 |
| S5 | 321 | fingerprint SAME (plurality AND minutiae) | US-PGPUB; USPAT | OR | ON | 2007/04/03 17:17 |
| S6 | 66 | fingerprint SAME (plurality WITH minutiae) | US-PGPUB; USPAT | OR | ON | 2007/04/03 17:17 |
| S7 | 1 | fingerprint SAME (plurality WITH minutiae WITH (score\$3 ADJ minutia) WITH match\$) | US-PGPUB; USPAT | OR | ON | 2007/04/03 17:19 |
| S8 | 20 | fingerprint SAME (plurality WITH minutiae WITH match\$) | US-PGPUB; USPAT | OR | ON | 2007/04/03 17:19 |
| S9 | 5 | fingerprint SAME (plurality WITH minutiae WITH match\$ WITH score) | US-PGPUB; USPAT | OR | ON | 2007/04/03 17:20 |
| S10 | 32 | define WITH minutiae | US-PGPUB; USPAT | OR | ON | 2007/04/04 11:36 |
| S11 | 78 | score WITH minutiae | US-PGPUB; USPAT | OR | ON | 2007/04/04 09:08 |
| S12 | 8 | partial WITH point WITH set WITH pattern WITH matching | US-PGPUB; USPAT | OR | ON | 2007/04/04 16:23 |
| S13 | 4 | (define WITH minutiae) AND (score WITH minutia) | US-PGPUB; USPAT | OR | ON | 2007/04/04 09:18 |
| S14 | 4 | (define AND plurality WITH minutiae) AND (score WITH minutia) | US-PGPUB; USPAT | OR | ON | 2007/04/04 09:18 |
| S15 | 1 | partial WITH point WITH set WITH pattern WITH matching WITH fingerprint | US-PGPUB; USPAT | OR | ON | 2007/04/04 10:04 |
| S16 | 2 | (define WITH minutiae) SAME classification | US-PGPUB; USPAT | OR | ON | 2007/04/04 14:16 |
| S17 | 2 | (define WITH minutiae) SAME classification AND termination | US-PGPUB; USPAT | OR | ON | 2007/04/04 12:42 |
| S18 | 1 | (minutia WITH score WITH noise) SAME fingerprint | US-PGPUB; USPAT | OR | ON | 2007/04/04 14:16 |
| S19 | 1 | (minutia WITH fingerprint) SAME (score WITH noise) | US-PGPUB; USPAT | OR | ON | 2007/04/04 14:17 |

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| S20 | 5 | (minutia WITH fingerprint) AND (score WITH noise) | US-PGPUB; USPAT | OR | ON | 2007/04/04 14:23 |
| S21 | 584 | score WITH noise | US-PGPUB; USPAT | OR | ON | 2007/04/04 14:19 |
| S22 | 1 | score WITH noise WITH minutia | US-PGPUB; USPAT | OR | ON | 2007/04/04 14:20 |
| S23 | 2 | score SAME noise SAME minutia | US-PGPUB; USPAT | OR | ON | 2007/04/04 14:33 |
| S24 | 34 | noise SAME minutia | US-PGPUB; USPAT | OR | ON | 2007/04/04 14:33 |
| S25 | 208 | pattern WITH matching WITH translation | US-PGPUB; USPAT | OR | ON | 2007/04/04 16:30 |
| S26 | 55 | pattern WITH matching WITH translation WITH rotation | US-PGPUB; USPAT | OR | ON | 2007/04/04 17:30 |
| S27 | 55 | two AND pattern WITH matching WITH translation WITH rotation | US-PGPUB; USPAT | OR | ON | 2007/04/04 16:32 |
| S28 | 1 | ("4790564").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 17:30 |
| S29 | 1 | ("6763127").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 17:31 |
| S30 | 1 | ("20030007671").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 17:31 |
| S31 | 1 | ("20040199775").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 17:32 |
| S32 | 0 | ("200200343319").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 17:32 |
| S33 | 1 | ("20020034319").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 17:33 |
| S34 | 1102 | (382/124).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/14 17:07 |
| S35 | 259 | (382/125).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 17:33 |
| S36 | 1349 | (382/199).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 17:34 |
| S37 | 1 | ("20050129293").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/23 16:18 |
| S38 | 3716 | match\$3 WITH fingerprint | US-PGPUB; USPAT | OR | ON | 2007/08/23 16:19 |
| S39 | 1 | match\$3 WITH fingerprint AND two WITH dimensional WITH partial WITH point | US-PGPUB; USPAT | OR | ON | 2007/08/23 16:20 |
| S40 | 290 | match\$3 WITH fingerprint WITH algorithm | US-PGPUB; USPAT | OR | ON | 2007/08/23 16:20 |

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| S41 | 215 | matching WITH fingerprint WITH algorithm | US-PGPUB; USPAT | OR | ON | 2007/08/23 16:21 |
| S42 | 8 | (matching WITH fingerprint WITH algorithm) SAME (translation AND rotation) | US-PGPUB; USPAT | OR | ON | 2007/08/23 16:21 |
| S43 | 8 | (matching WITH fingerprint WITH algorithm) SAME (translation WITH rotation) | US-PGPUB; USPAT | OR | ON | 2007/08/23 16:21 |
| S44 | 1 | ("4790564").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/24 09:46 |
| S45 | 1 | ("20050129293").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/24 10:06 |
| S46 | 190 | (fingerprint WITH match\$3) SAME score | US-PGPUB; USPAT | OR | ON | 2007/08/24 10:41 |
| S47 | 1 | (fingerprint WITH match\$3) SAME (score WITH ridge) AND (score WITH valley) AND (score WITH noise) | US-PGPUB; USPAT | OR | ON | 2007/08/24 10:43 |
| S48 | 1 | (fingerprint WITH match\$3) AND (score WITH ridge) AND (score WITH valley) AND (score WITH noise) | US-PGPUB; USPAT | OR | ON | 2007/08/24 10:44 |
| S49 | 1 | ("6763127").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/24 10:44 |
| S50 | 1 | ("6763127").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/24 11:31 |
| S51 | 1 | ("20060171572").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/24 13:28 |
| S52 | 1 | ("20050129293").PN. | US-PGPUB; USPAT | OR | OFF | 2007/11/14 14:56 |
| S53 | 453 | fingerprint WITH minutia | US-PGPUB; USPAT | OR | ON | 2007/11/14 14:58 |
| S54 | 50396 | "382"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2007/11/14 14:58 |
| S55 | 294 | S53 and S54 | US-PGPUB; USPAT | OR | ON | 2007/11/14 14:58 |
| S56 | 25 | remov\$3 WITH minutia | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:02 |
| S57 | 9518691 | not classified WITH termination WITH burification | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:03 |
| S58 | 25 | S56 and S57 | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:03 |
| S59 | 453 | fingerprint WITH minutia | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:25 |

EAST Search History

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| S60 | 0 | (estimat\$3 WITH score) WITH (ridge ADJ1 flow ADJ1 properties) WITH (valley ADJ1 flow ADJ1 properties) | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:27 |
| S61 | 0 | (estimat\$3 WITH score) AND (ridge ADJ1 flow ADJ1 properties) AND (valley ADJ1 flow ADJ1 properties) | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:27 |
| S62 | 0 | (ridge ADJ1 flow ADJ1 properties) AND (valley ADJ1 flow ADJ1 properties) | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:28 |
| S63 | 1 | (ridge ADJ1 flow ADJ1 properties) AND (valley ADJ1 flow ADJ1 properties) | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:28 |
| S64 | 1 | (ridge ADJ1 flow ADJ1 properties) | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:29 |
| S65 | 40 | (ridge WITH flow WITH properties) | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:30 |
| S66 | 21 | (valley WITH flow WITH properties) | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:30 |
| S67 | 6 | S65 and S66 | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:30 |
| S68 | 0 | S61 and S67 | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:30 |
| S69 | 0 | noise WITH minutia WITH predetermined WITH window | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:42 |
| S70 | 4 | noise WITH minutia WITH window | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:43 |
| S71 | 1 | estimat\$3 WITH score WITH minutia | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:43 |
| S72 | 37 | score WITH minutia | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:44 |
| S73 | 1 | S70 WITH S72 | US-PGPUB; USPAT | OR | ON | 2007/11/14 15:44 |
| S74 | 2 | S70 AND S72 | US-PGPUB; USPAT | OR | ON | 2007/11/14 16:02 |
| S75 | 0 | noise WITH (termination OR (end WITH point)) WITH bifurcation | US-PGPUB; USPAT | OR | ON | 2007/11/14 16:04 |
| S76 | 1 | noise WITH (termination OR (end WITH point)) WITH bifurcation | US-PGPUB; USPAT | OR | ON | 2007/11/14 16:04 |
| S77 | 7 | noise SAME (termination OR (end WITH point)) SAME bifurcation | US-PGPUB; USPAT | OR | ON | 2007/11/14 16:15 |
| S78 | 453 | fingerprint WITH minutia | US-PGPUB; USPAT | OR | ON | 2007/11/14 16:05 |
| S79 | 4 | S77 AND S78 | US-PGPUB; USPAT | OR | ON | 2007/11/14 16:05 |

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| S80 | 13 | (score OR noise) SAME (termination OR (end WITH point)) SAME bifurcation | US-PGPUB; USPAT | OR | ON | 2007/11/14 16:16 |
| S81 | 5 | S78 and S80 | US-PGPUB; USPAT | OR | ON | 2007/11/14 16:16 |
| S82 | 1211 | (382/124).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/14 17:07 |
| S83 | 1211 | (382/124).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/14 17:08 |
| S84 | 281 | (382/125).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/14 17:08 |
| S85 | 1420 | (382/199).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/14 17:08 |
| S86 | 1 | ("20050129293").PN. | US-PGPUB; USPAT | OR | OFF | 2007/11/14 17:13 |